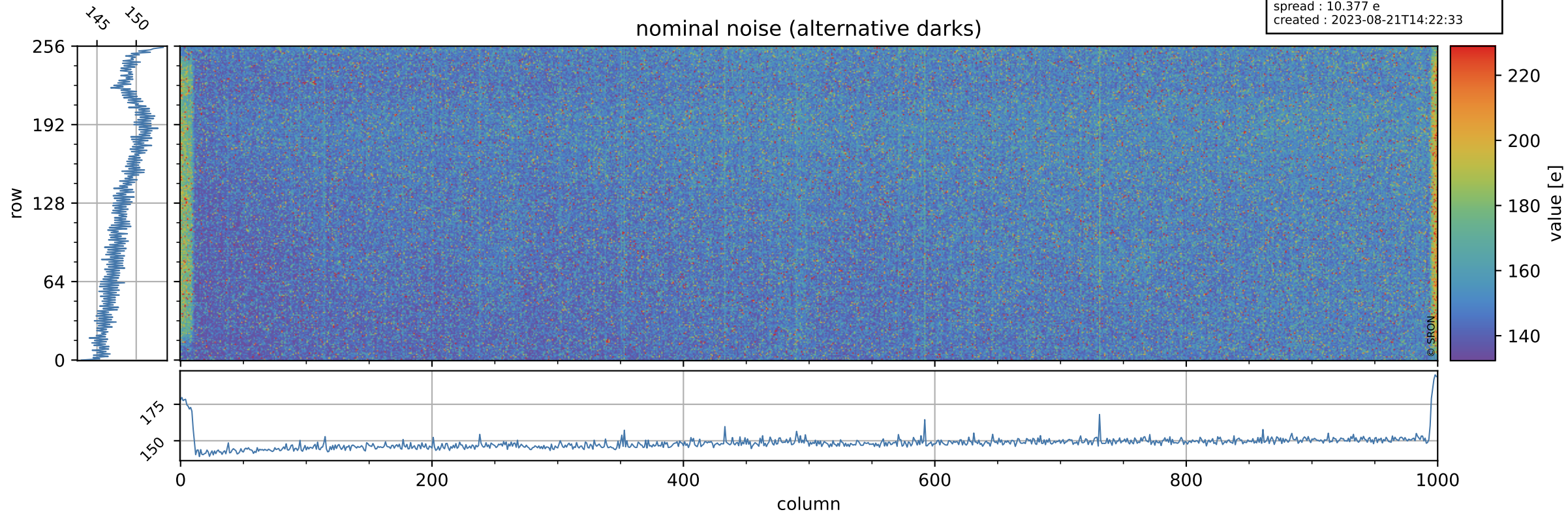


# Tropomi SWIR background noise (swir)

orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.31 e  
spread : 10.377 e  
created : 2023-08-21T14:22:33

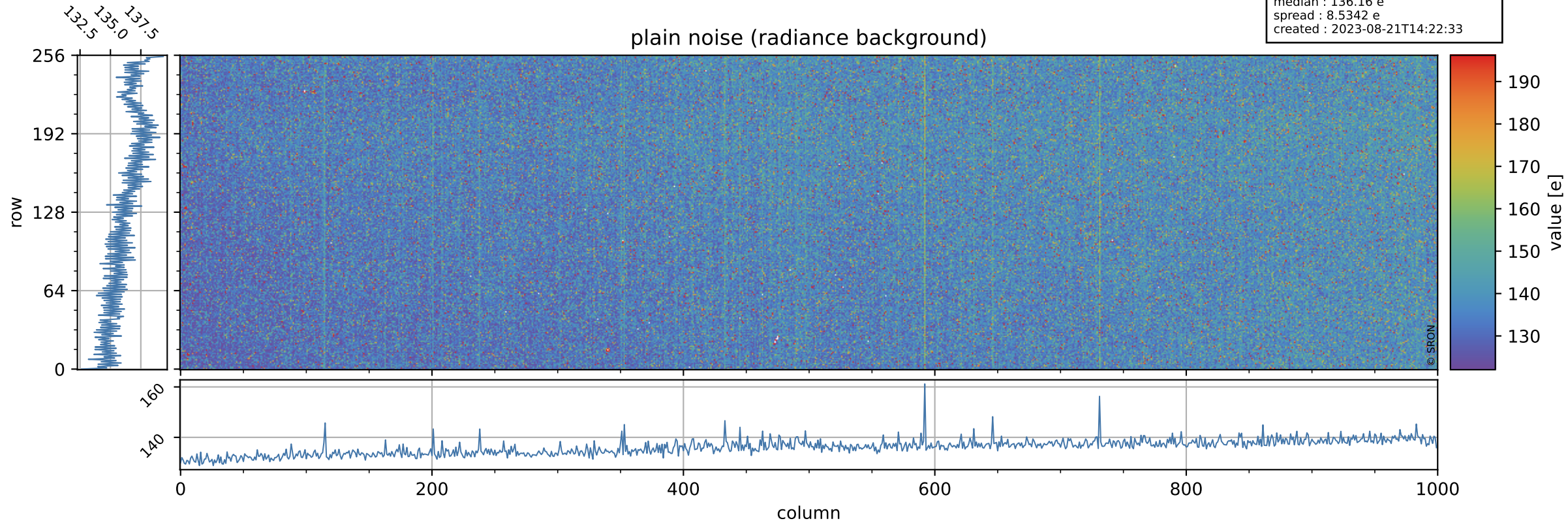
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.16 e  
spread : 8.5342 e  
created : 2023-08-21T14:22:33

## plain noise (radiance background)

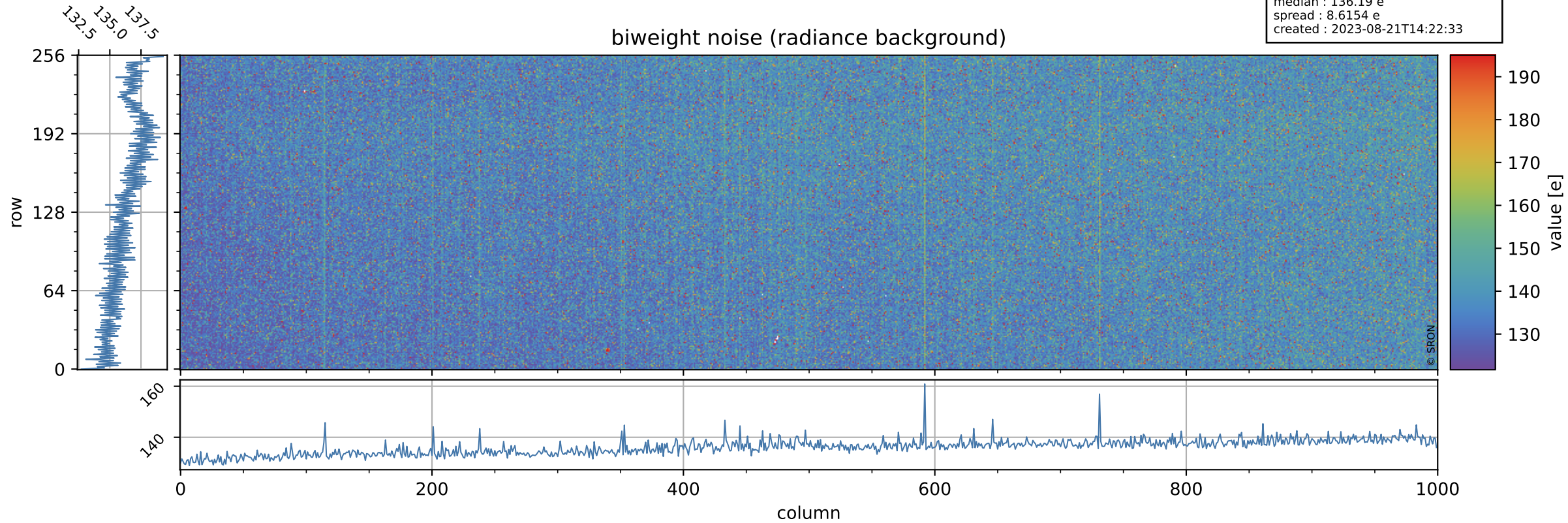




# Tropomi SWIR background noise (swir)

orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.19 e  
spread : 8.6154 e  
created : 2023-08-21T14:22:33

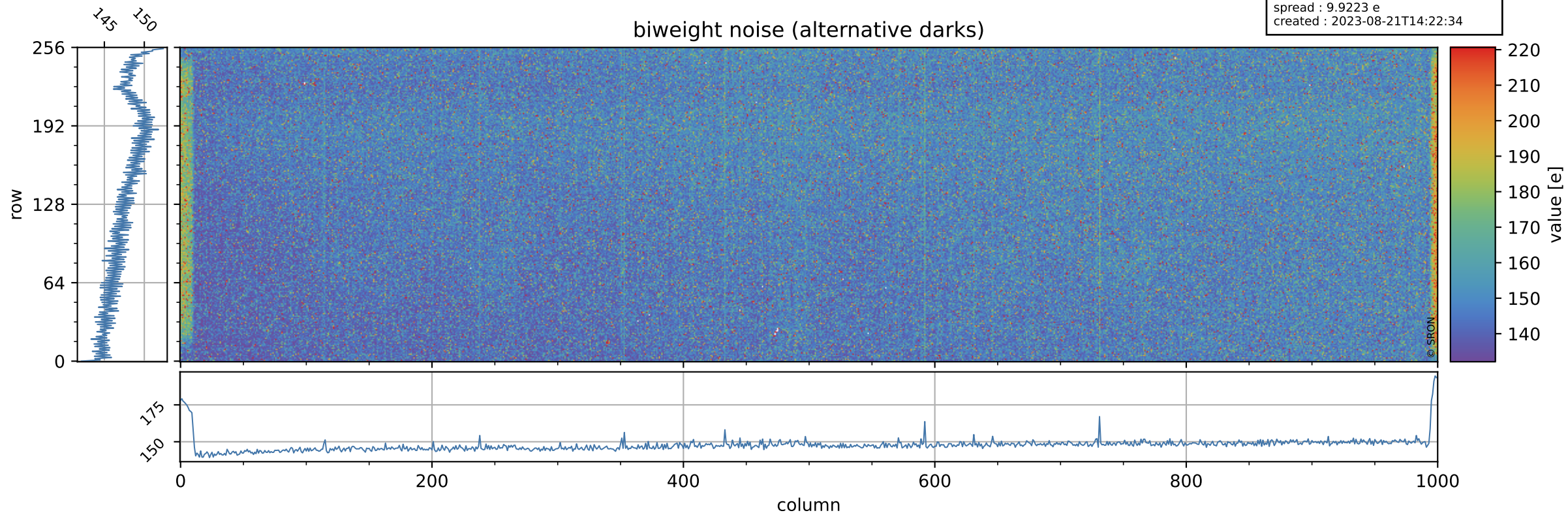
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.48 e  
spread : 9.9223 e  
created : 2023-08-21T14:22:34

## biweight noise (alternative darks)

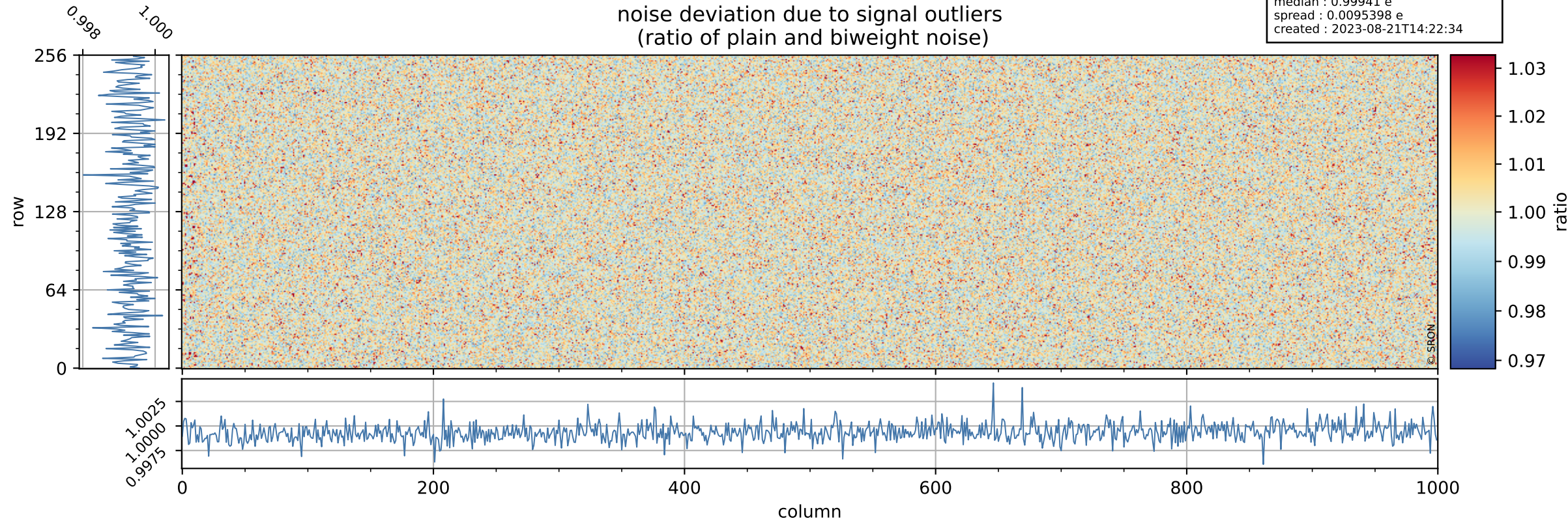




# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
median : 0.99941 e  
spread : 0.0095398 e  
created : 2023-08-21T14:22:34

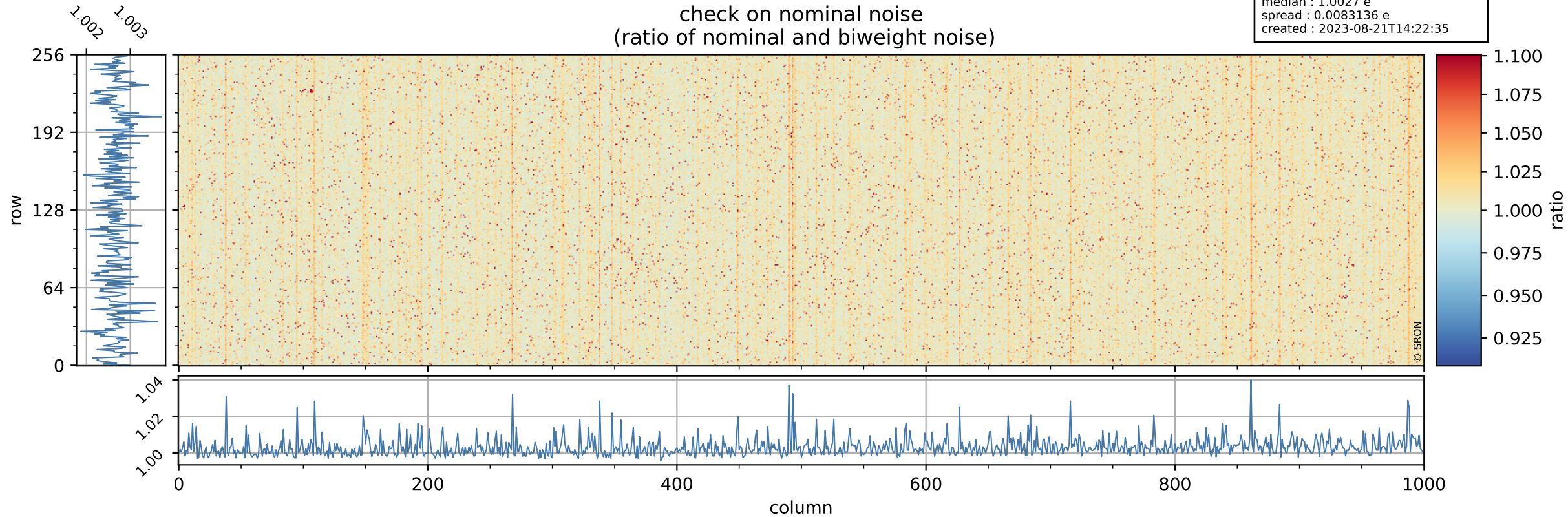




# Tropomi SWIR background noise (swir)

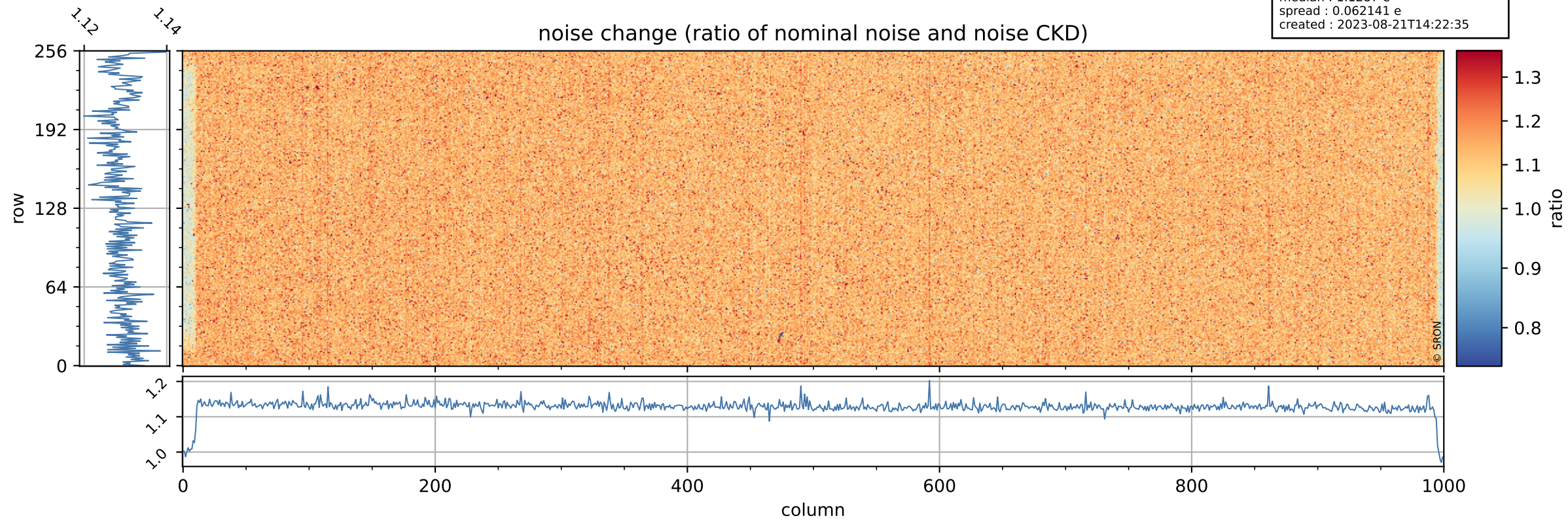
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
median : 1.0027 e  
spread : 0.0083136 e  
created : 2023-08-21T14:22:35



# Tropomi SWIR background noise (swir)

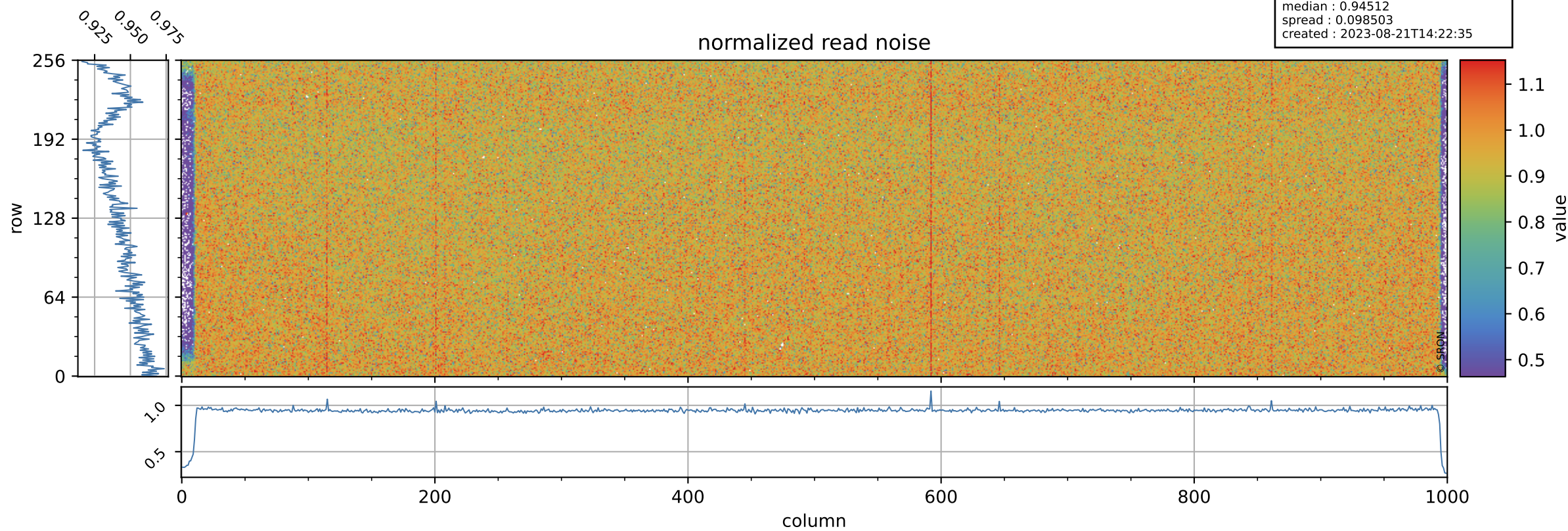
orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
median : 1.1287 e  
spread : 0.062141 e  
created : 2023-08-21T14:22:35





# Tropomi SWIR background noise (swir)

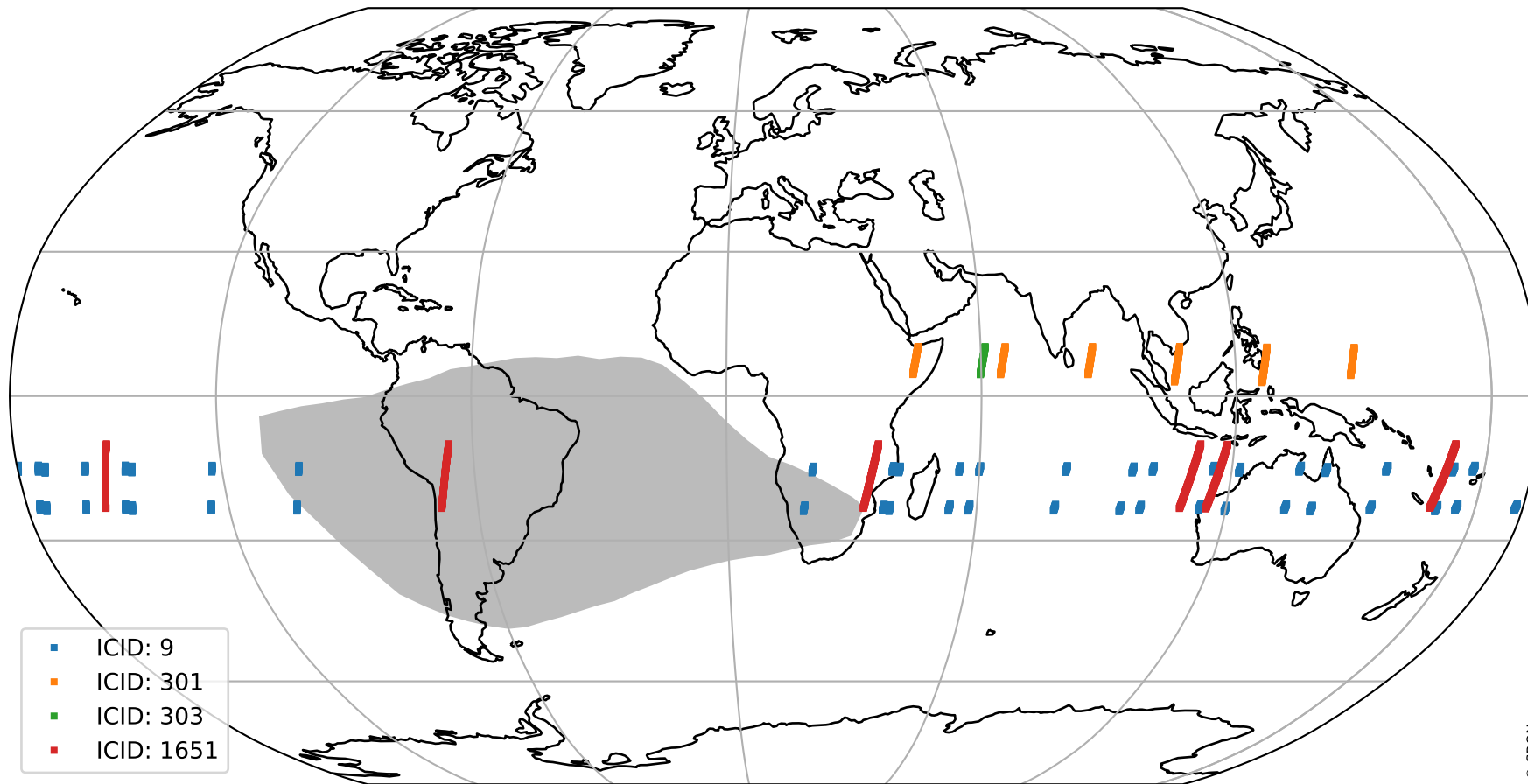
orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
median : 0.94512  
spread : 0.098503  
created : 2023-08-21T14:22:35





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

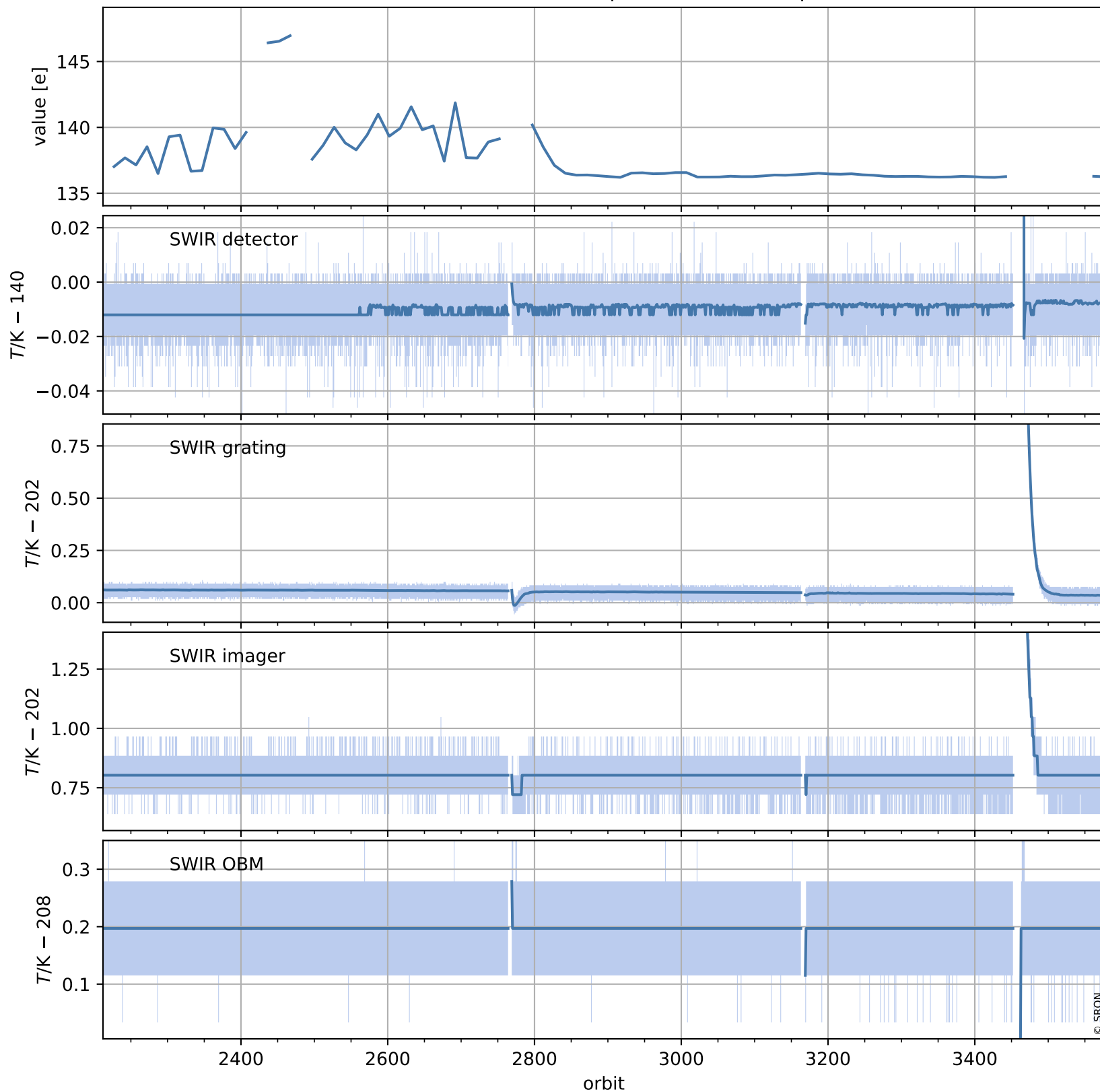
orbits : 13 in [3487, 3577]  
coverage : 2018-06-16 / 2018-06-22  
created : 2023-08-21T14:22:35



# Tropomi SWIR background noise (swir)

orbits : [2212, 3577]  
coverage : 2018-03-18 / 2018-06-22  
created : 2023-08-21T14:22:36

## trend of detector median of plain noise & temperatures

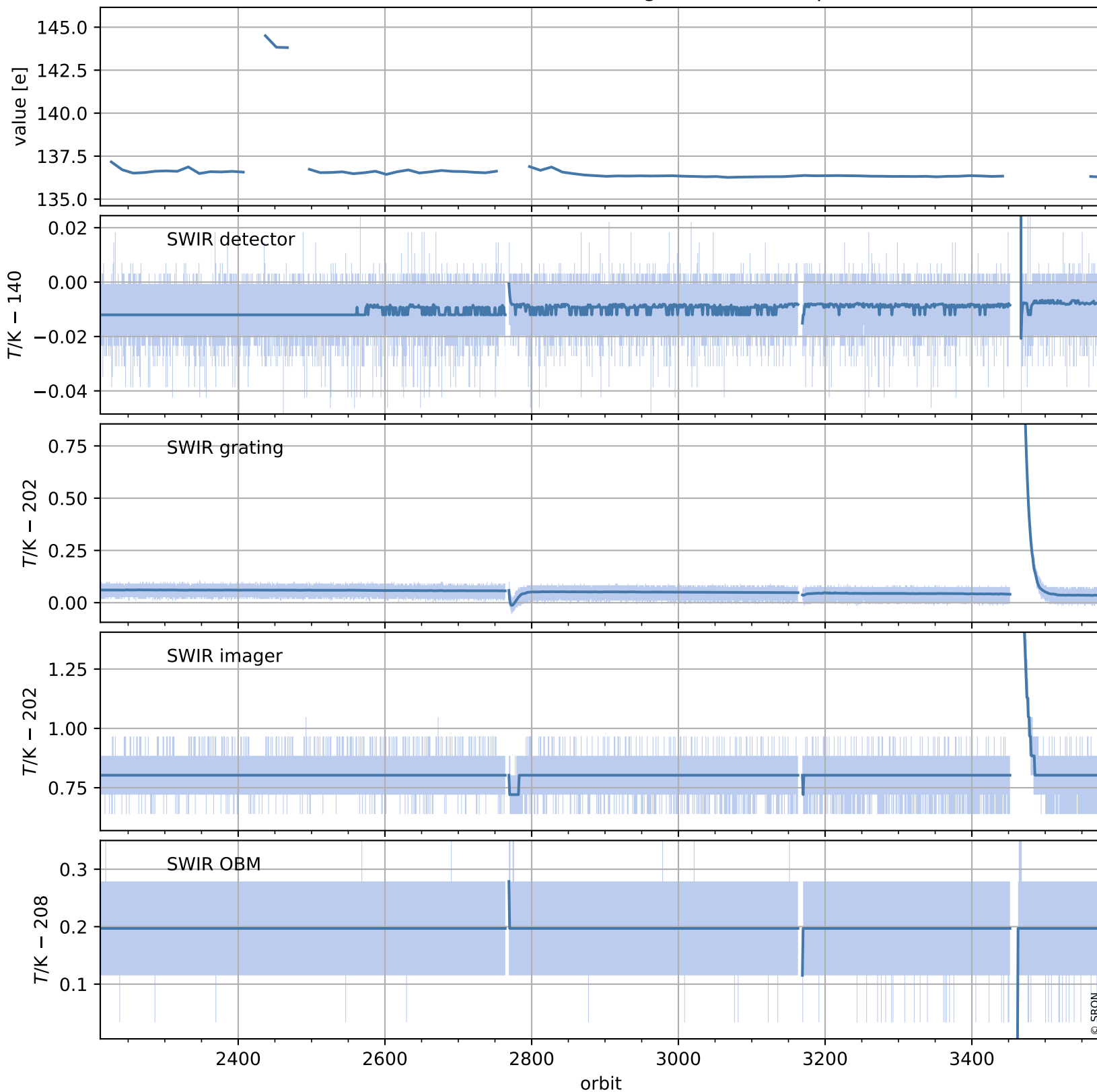




# Tropomi SWIR background noise (swir)

orbits : [2212, 3577]  
coverage : 2018-03-18 / 2018-06-22  
created : 2023-08-21T14:22:36

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3577]  
coverage : 2018-03-18 / 2018-06-22  
created : 2023-08-21T14:22:37

## trend of normalized read-noise & temperatures

